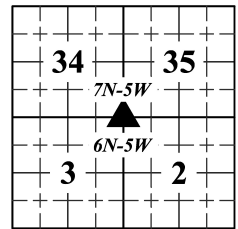


# GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W\_A17

## Section Corner

Sections 2 & 3 - T06N - R05W, 2nd P.M.  
Taylor Township, Greene County, Indiana



## PERPETUATION RECORD

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 24" rebar with orange plastic cap stamped "OSER IN PS# 211100022" set 3" above grade.

**OTHER EVIDENCE:** Describe corner location relative to nearby features and how to reach the corner location.

The corner is a wooded area, in the west wheel rut of a logging road, and approximately 17 feet from intermittent north/south fence remains.

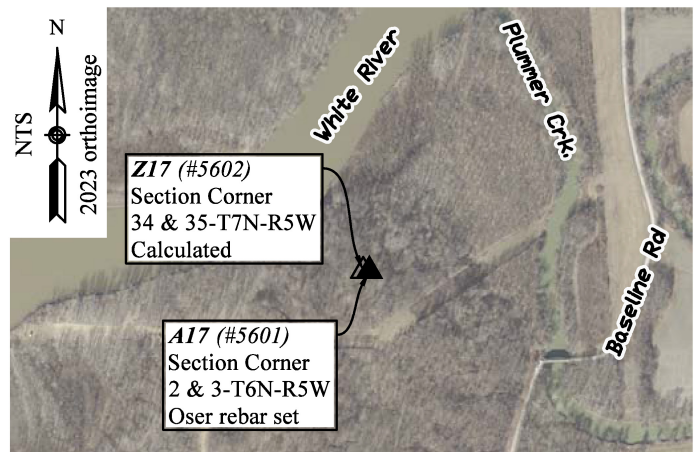
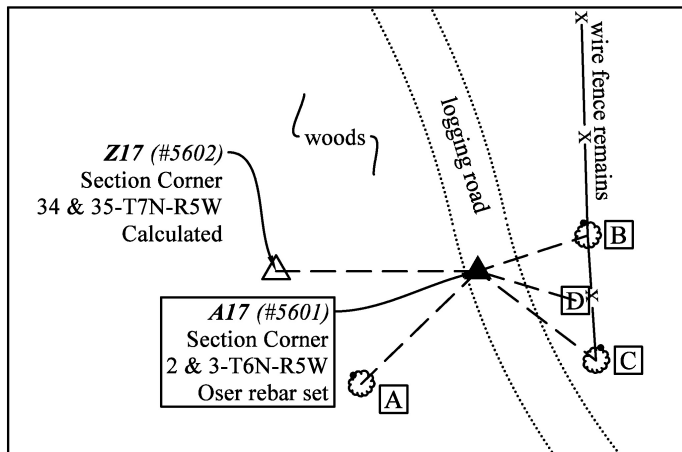
## GEODETIC COORDINATES: (OSM #5601)

Northing	Easting	Datum	Datum Details
316384.14	832537.57	InGCS Greene Zone	US Survey Feet, NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3
1364404.37	2993148.25	NAD83(2011) IN West Zone	

**WITNESS MONUMENT TIES:** Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 46° W	24.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 14" above grade on the north side of a 7" dbh hackberry
B	N 72° E	17.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 20" above grade on the northwest side of a 15" dbh white oak with north/south fence remains and a Greene County Survey Marker sign set 5.5 feet above grade on its west side
C	S 53° E	22.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 13" above grade on the northeast side of a 7" dbh hackberry with north/south fence remains
D	S 73° E	15.3'	0.7' x 0.4' rock with no markings 10" above grade
Z17	S 89°59'59" W	30.36'	Calculated position of the Section Corner common to Sections 34 & 35-T7N-R5W

**MONUMENT LOCATION SKETCH:** Attach a sketch and aerial image.



## CORNER REPORT

**THEORY OF LOCATION:** Describe the theory of location for acceptance of this monument.

In 1811, the original government surveyor marked an ironwood at the corner located 30.36 feet east of the post at the Section Corner common to Sections 34 and 35-T7N-R5W. In 1891, Greene County Surveyor E. Cox set a stone at this corner based on original evidence.

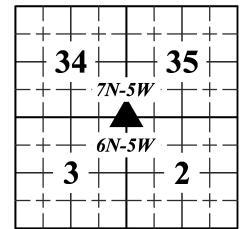
We found a 0.7' x 0.4' stone (Witness D) with no markings 0.7 feet above grade leaning east 15.3 feet southeast of the corner. The stone was held as the Southeast corner of Section 34-T7N-R5W by David Meier in 2019 (Instrument Number 2019-2582). We straightened the stone before locating it, then dug it up and found it to be well-planted with

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about half its length below grade. We checked the bottom and all sides of the stone for markings, and finding none, replanted it in its original position. While this stone looks like a survey monument, we have several reasons to believe it is not.

We obtained an undated and unsigned sketch of this corner from the County Surveyor's office. The sketch depicts a 6"x10"x6" high sandstone with a + on top 18 feet southwest of (perpendicular to) a 14" white oak in a north/south fence. We found north/south fence remains in a 15" white oak (Witness B) 17.4 feet from the corner. The existing unmarked stone is 2.5 feet west of the fence remains.

In 1999, Bledsoe Riggert Cooper James (BRCJ) traversed to a 0.4 x 1.0' stone with an X on top found 0.5 feet above grade. The stone was located as part of the fieldwork for a survey for Ottmann in Section 1 (Job #2654). It is not shown on the survey, but we obtained a copy of the field notes, calculation plats, and coordinate file from BRCJ.

In 2006, BRCJ located the stone again, this time with a static GPS session. On this survey, the stone is noted as 3" x 6" x 0.3 feet above grade marked with an X on top. The stone is shown on the Holy Redeemer Monastery Survey in Section 1 recorded as Instrument Number 2006-2991. We are tied into many monuments from the Holy Redeemer Survey and calculated this corner based on ties to that survey. We also obtained a copy of the GPS post-processing records from BRCJ to confirm that the dimensions shown on the survey plat match the coordinate record. There are up to 2.2 feet of uncertainty in our calculated position due to discrepancies between the two aforesaid surveys and measurements from this survey. We chose to calculate the corner based on the 2006 survey. Our calculated position fell in the west wheel rut of a logging road. We raked and probed for several feet around our calculated position. Finding no trace of the stone, we set a capped rebar.

**EXISTING SURVEY HISTORY:** Include as much detail and history of the corner as known at the time of perpetuation.

### ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Arthur Henrie

Where filed or recorded: F\_EV05P468

Original monument: ironwood at corner

Bearing Trees	Bearing	Distance
Post corner 34 & 35	West	46 lks = 30.36 ft

*No original reference monuments were recovered.*

### SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 04/11/1891 By: Cox, E

Where filed or recorded: LSB4, pg 150

Monument: Set stone

Bearing Trees	Bearing	Distance
20" sugar	N 15° E	35 lks = 23.1 ft
9" sugar	S 61° W	99 lks = 65.34 ft

"placed corner 2 & 3. 46 links east of corner Sections 33 & 34. There being original B.T. stump at this corner found blazes along line and satisfied this is where the original line between 2 & 3 was placed."

*No legal survey reference monuments were recovered.*

**OTHER SURVEY HISTORY:** Include details such as surveyor name, date, recording info, monument description, etc.

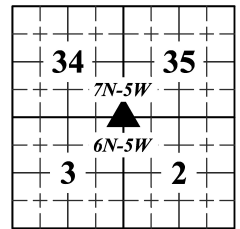
Date	Surveyor	Description	File Location
01/19/1854	Burr, P	Legal Survey in Section 2 ( <i>measured to this corner</i> )	LSB3, pg 12
Undated	Unknown	Sketch of sandstone marked with + at A17	GCSO 6N5W Corner Records
01/06/1999	Meier, David	Field notes for BRCJ Job# 2654 Ottmann Boundary (.4' x 1.0' stone with X on top found 0.5' above grade)	BRCJ Job #2654
05/22/2006	James, Marty	Holy Redeemer Monastery in Section 1-6N-5W (3"x6" stone with X found 0.3' above grade found per Cox)	2006-2991

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### UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Up to 2.2 feet.
- Discrepancies in the Documents: 15.3 feet.
- Inconsistencies in the lines of Occupation: 17.7 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

### PHOTO IDENTIFIED:



Photo Orientation & Description: Rebar set at A17



Photo Orientation & Description: Looking east at A17 with sign and rock visible in the background

### FIELD PERSONNEL:

Field Date: 05/19/2023, 06/09/2023, and 10/25/2023 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10248 Corner Perpetuation Survey for Taylor Township Sections 2, 11, 14 & 23, Township 6 North, Range 5 West

**BASIS OF GEODETIC COORDINATES:** The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18\_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18\_conus.db3, US Survey Feet. Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Most distances to witness ties are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Distances approaching or in excess of 100 feet were measured by locating the reference object with RTK. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

### CERTIFICATION:

Rachel Oser - Professional Surveyor 21100022  
Oser Surveying & Mapping LLC  
4632 E Rocky Road, Bloomfield, IN 47424  
(812) 320-2694 • Rachel@OserSurveying.com  
Date: 10/31/2023



This document is not complete without the associated plat and report

*Rachel Oser*